From the

INTERNATIONAL SEARCHING AUTHORITY

To:
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PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

		(PCT Rule 43bis.1)			
		Date of mailing (day/month/year)	19 AUG 2005		
Applicant's or agent's file reference	Applicant's or agent's file reference		ACTION		
EX05-013C-PC			See paragraph 2 below		
International application No	International filing date	(day/month/year)	Priority date (day/month/year)		
PCT/US05/10969	i9 31 March 2005 (31.03.20		31 March 2004 (31.03.2004)		
International Patent Classification (IPC) or both national classification and IPC					
IPC(7): C07D 277/20 and US C1.: 548/200					
Applicant					
EXELIXIS, INC.					
1 This opinion contains indications relating to the following items:					
Box No I Basis of the	Basis of the opinion				
Box No II Priority	Priority				
Box No III Non-establ	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
Box No IV Lack of un	Lack of unity of invention				
	Reasoned statement under Rule 43bis 1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Box No. VI Certain doc	Certain documents cited				
Box No VII Certain def	Certain defects in the international application				
Box No VIII Certain obs	Certain observations on the international application				
2 FURTHER ACTION					
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66 lbis(b) that written opinions of this International Searching Authority will not be so considered					
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later For further options, see Form PCT/ISA/220.					
1 of facility opacies, sec former C 1/13/1/220.					
3 For further details, see notes to Form PC1/ISA/220.					
Name and mailing address of the ISA/ U	<u> </u>	Authorized office	" Venul Show 1.		
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Susannah Lee	Janul Shehm f,		
P O Box 1450			71 272 4000		
Alexandria, Virginia 22313-1450 Telephone No 571-272-6098 Facsimile No. (703) 305-3230		/1-2/2-6098			

Form PCT/ISA/237 (cover sheet) (January 2004)

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Internationa. zpplica...on No

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Box No. 1 Basis of this opinion
1 With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item
This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12 3 and 23 I(b)).
With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a type of material
a sequence listing
lable(s) related to the sequence listing
b format of material
in written format
in computer readable form
c time of filing/furnishing
contained in international application as filed
filed together with the international application in computer readable form
furnished subsequently to this Authority for the purposes of search
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished
4 Additional comments:

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International application No

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Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non-obvious), or to be industrially applicable have not been examined in respect of: the entire international application claims Nos. 1-35 and 37-61 because: the said international application, or the said claim Nos _____ relate to the following subject matter which does not require an international preliminary examination (specify): the description, claims or drawings (indicate particular elements below) or said claims Nos 1-35 and 37-61 are so unclear that no meaningful opinion could be formed (specify): The numerous variables, e.g., X, Y, Z, N, L, R1, R2, R3, R4, etc... and their voluminous, complex meanings and their virtual incomprehensible permutations and combinations make it impossible to determine the full scope and complete meaning of the claimed subject matter. As presented, the claimed subject matter cannot be regarded as being a clear and concise description for which protection is sought and as such the listed claims do not comply with the requirements of PCT Article 6. Thus it is impossible to form a meaningful written opinion on these claims A written opinion will be provided for the first discernable invention, which is Claim 36, limited to compounds containing the same core. the claims, or said claims Nos _____ are so inadequately supported by the description that no meaningful opinion could be no international search report has been established for said claims Nos. ___ the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that: has not been furnished the written form does not comply with the standard has not been furnished the computer readable form does not comply with the standard the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions See Supplemental Box for further details

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US05/10969

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Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1. Statement						
Novelty (N)			_YES _NO			
Inventive step (IS)			YES NO			
Industrial applicability (IA)	Claims 36					
	Claims NONE		NO			
Claim 36 does meet the criteria set out in PCT Article be made or used in industry	cle 33(4), and thus has industrial	applicability because the subject matter cl	aimed can			